SunSet™ ADSL

April 1997   rev B

SUNRISE TELEC(
INCORPORAT

PRELIMINARY SPECIFICATIONS

CONNECTORS
ADSL interface: RJ45 and Bantam.
POTS interface: RJ11 handset.
Serial Port - 8 pin Mini DIN RS232C (V.24), DTE.
DC power jack.

DIGITAL DMM
DCV: 500 Volt full scale, +/- 1%.
ACV: 400 Volt full scale, +/- 1%.
DCA: 400 mA full scale, +/- 1%.
ACA: 400 mA full scale, +/- 1%.
Resistance: 40 Mohm full scale, +/- 1%.
Capacitance: 40 uF full scale, +/- 1%.

DIGITAL TIMS
Wideband TIMS: 1 Hz to 1.1 MHz.
IEEE 743 F & G filter noise measurement.
Signal to Noise (S/N) measurement.
Sweep tone generation: 1 Hz to 1.1 MHz.

TDR
Range: 0 to 18,000'.
Adjustable velocity: 0.4 to 1.0.
Pulse: 10 Vpp, 20 to 500 nanosecond.
Display results to LCD screen.
Store 3 previous test results in graphical format.
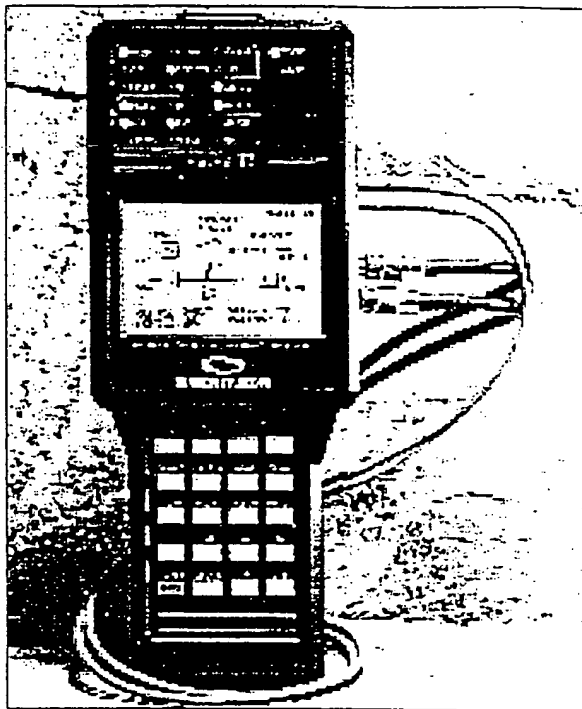
ADSL
Alcatel chip set implementation.
Establish ADSL link with far end modem.
Up/down stream bit rate verification and BERT test.

POTS SPLITTER EMULATION
Emulate POTS splitter applications.
Provide direct handset interface/built-in hook control.
POTS shunt circuit on/off control.

GENERAL
Size: 10.5 x 6 x 27 cm (4 x 2.4 x 10.5")
Weight: 1.3 Kg (2.8 lb)
Construction: PC+ABS high-impact plastic.
Display: 32x16 graphic LCD with backlight.
         18 bi-color LEDs.
Battery: Rechargeable, field-replaceable NiMH pack.
         Provides 5 hrs of continuous use (nominal).
Charger: Universal design with IEC power cable connector.
         11 x 6 x 3.5 cm (4.3 x 2.4 x 1.4") with 122 cm (4')
     extension cable attached.
         9.75 oz.

100 VAC - 240 VAC input.
15 VDC, 2A output.
Fast recharge in 3 hours (nominal).
UL, CSA, CE approved.
Upgrade options via field-replaceable SunWare™ cartridge.

ENVIRONMENTAL
Operating temperature: 0 to 50 °C (32 to 122 °F)
Storage temperature: -20 to 70 °C (-4 to 158 °F)
Humidity: 5% to 90% noncondensing

Note: Specifications subject to change without notice.

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